



Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A display device, comprising:

an illumination device that generates and ~~output~~outputs a plurality of primary color light components having different luminescent colors, the illumination device including a plurality of ~~light-emitting devices~~light sources having different luminescent colors, ~~and~~ each of the light sources including a plurality of light-emitting devices capable of independently adjusting outputs therefrom; ~~and;~~

a light modulation device that modulates the primary color light components output from the illumination ~~device,~~device; and

the light-emitting devicesillumination device being capable of adjusting an emission spectra of the primary color light components.

2. (Canceled)

3. (Currently Amended) The display device according to ~~claim 2~~claim 1, a color filter having a plurality of transmission spectra corresponding to the primary color light components output from the respective light sources being provided between the illumination device and the light modulation device, and an adjustment range of the emission spectrum of each of the light sources being within a range of the transmission spectrum of the color filter.

4. (Currently Amended) The display device according to ~~claim 2~~claim 1, the light modulation device being provided to correspond to each of the plurality of light sources, and the display device further comprising a color composition device that composites the primary color light components output from the light modulation device, and

an adjustment range of the emission spectrum of each of the light sources is within a range of the transmission spectrum of the color composition device.

5. (Currently Amended) The display device according to ~~claim 2~~claim 1, the illumination device including a light source and a color separation device that separates output light from the light source into a plurality of primary color light components, a plurality of light modulation devices being provided to correspond to the respective primary color light components, and a color ~~composite~~composition device for composition of the primary color light components output from the respective light modulation device being provided,

the light source being able to adjust the emission spectrum of each primary color light component included in the output light within a range of the transmission spectra of the color separation device and the color composite device.

6. (Previously Presented) A display device comprising:

an illumination device that generates and output a plurality of primary color light components having different luminescent colors, the illumination device being capable of adjusting an emission spectra of the primary color light components;

a plurality of light modulation devices that modulates the primary color light components output from the illumination device, each light modulation devices being provided corresponding to each primary color light components; and

the illumination device including a plurality of band controlling devices that adjust the emission spectrum of the primary color light components emitted to the light modulation devices, each band controlling devices being provided corresponding to each primary color light components.

7. (Original) The display device according to claim 6, the band controlling device freely adjusting the transmission spectrum within a predetermined range.

8. (Original) The display device according to claim 6, the band controlling device freely converting converts a plurality of the transmission spectra.

9. (Original) The display device according to claim 1, further comprising:  
an image analysis device that outputs a light control signal that adjusts the emission spectra of the primary color light components based on an image signal of a displayed image supplied to the light modulation device, and  
a light controlling device that adjusts the emission spectra of the primary color light components based on the light control signal.

10. (Original) The display device according to claim 6, further comprising an image analysis device that outputs a band control signal that adjusts the emission spectra of the primary color light components based on an image signal of the displayed image supplied to the light modulation device,  
the band controlling device adjusts the emission spectra of the primary color light components based on the band control signal.

11. (Original) The display device according to claim 1, further comprising a chromaticity correction device that corrects a white balance of the light output from the illumination device when adjustment of the emission spectra of the primary color light components is performed.

12. (Original) The display device according to claim 11,  
the chromaticity correction device correcting the white balance in a low saturation region of the light output from the illumination device.

13. (Currently Amended) A display method for controlling a display device, comprising:  
generating and outputting from an illumination device a plurality of primary color light components having different luminescent colors, the illumination device including a plurality of ~~light-emitting devices~~ light sources having different luminescent colors, ~~and each~~

of the light sources including a plurality of light-emitting devices capable of independently adjusting outputs therefrom,

modulating by a light modulation device the primary color light components output from the illumination device, and

adjusting emission spectra of the primary color light components output from the ~~light-emitting devices~~illumination device according to contents of a displayed image supplied to the light modulation device.

14. (Original) A projector, comprising the display device according to claim 1 and projection device that projects light modulated by the light modulation device.

15. (Previously Presented) A display method for controlling a display device, comprising:

generating and outputting from an illumination device a plurality of primary color light components having different luminescent colors, the illumination device being capable of adjusting an emission spectra of the primary color light components;

modulating, using a plurality of light modulation devices, the primary color light components output from the illumination device, each light modulation devices being provided corresponding to each primary color light components; and

adjusting, using a plurality of band controlling devices included in the illumination device, the emission spectra of the primary color light components emitted to the light modulation devices, each band controlling device corresponding to a respective light modulation device, each band controlling devices being provided corresponding to each primary color light component.